What is claimed is:

1. A method of reducing hydrofoil cavitation on a ship, the method comprising:

providing perforations in a hydrofoil, the hydrofoil having a suction side and a pressure side, the perforations providing a passage for water from the suction side to the pressure side; and

maneuvering the ship through water.

2. A hydrofoil that reduces cavitation, the hydrofoil comprising:

a main body;

a trailing edge on the main body; and

a surface texturing on the trailing edge.

3. The hydrofoil of claim 2 further comprising a leading edge on the main body and surface texturing on the leading edge.

4. The hydrofoil of claim 2 wherein the surface texturing comprises dimples.

5. The hydrofoil of claim 2 wherein the surface texturing comprises longitudinal grooves.

6. The hydrofoil of claim 2 wherein the surface texturing comprises scales.

7. The hydrofoil of claim 2 wherein the surface texturing comprises shingles.

8. A hydrofoil that reduces cavitation, the hydrofoil comprising:

a main body having a suction side and a pressure side; and

perforations in the main body providing a passage for water from the suction side to the pressure side.